Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG101920\
Data File : BG046992.D
Acq On : 19 Oct 2020 18:21
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 19 18:59:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 19 11:15:40 2020
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02039

Manual Integrations APPROVED
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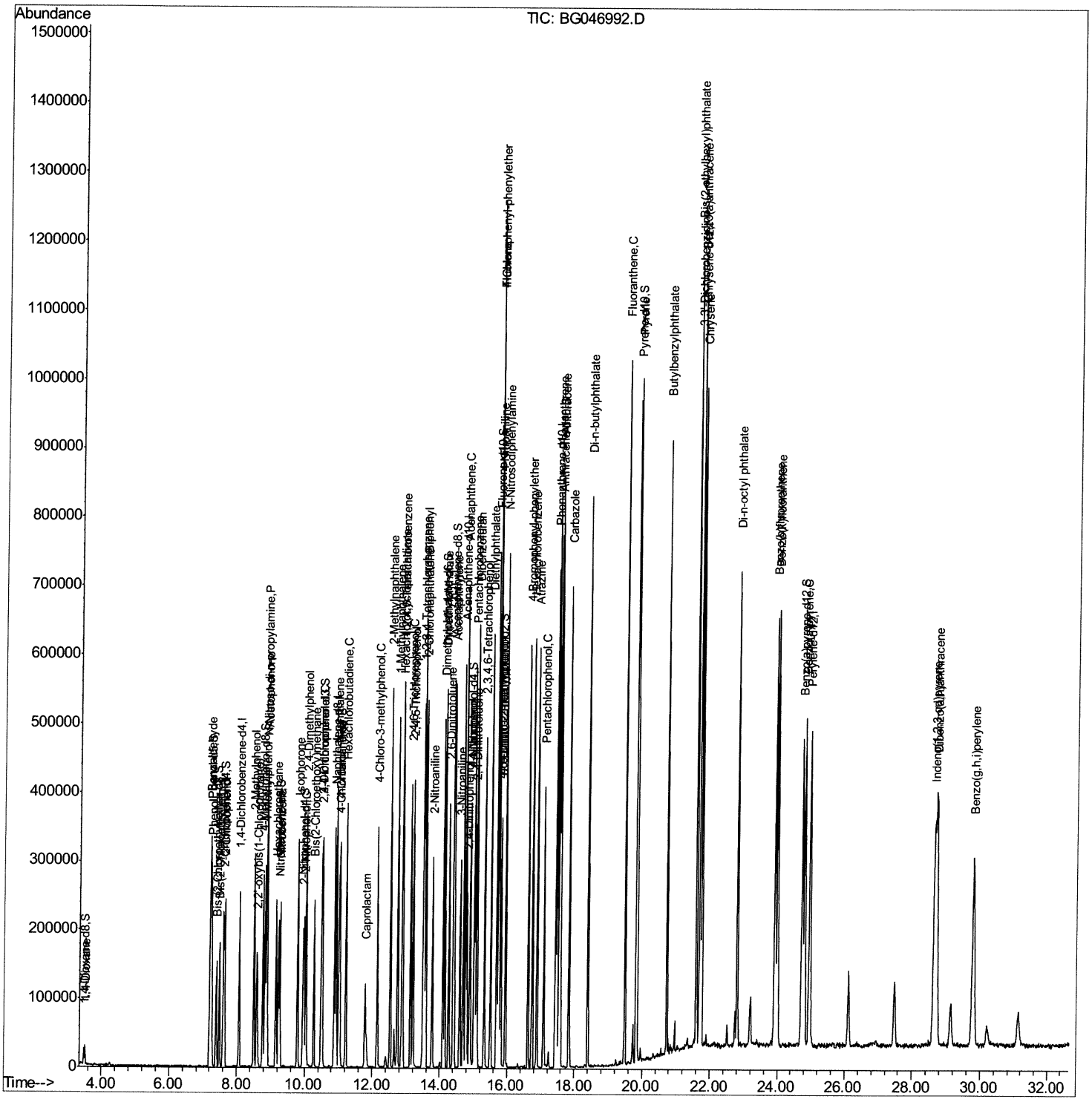

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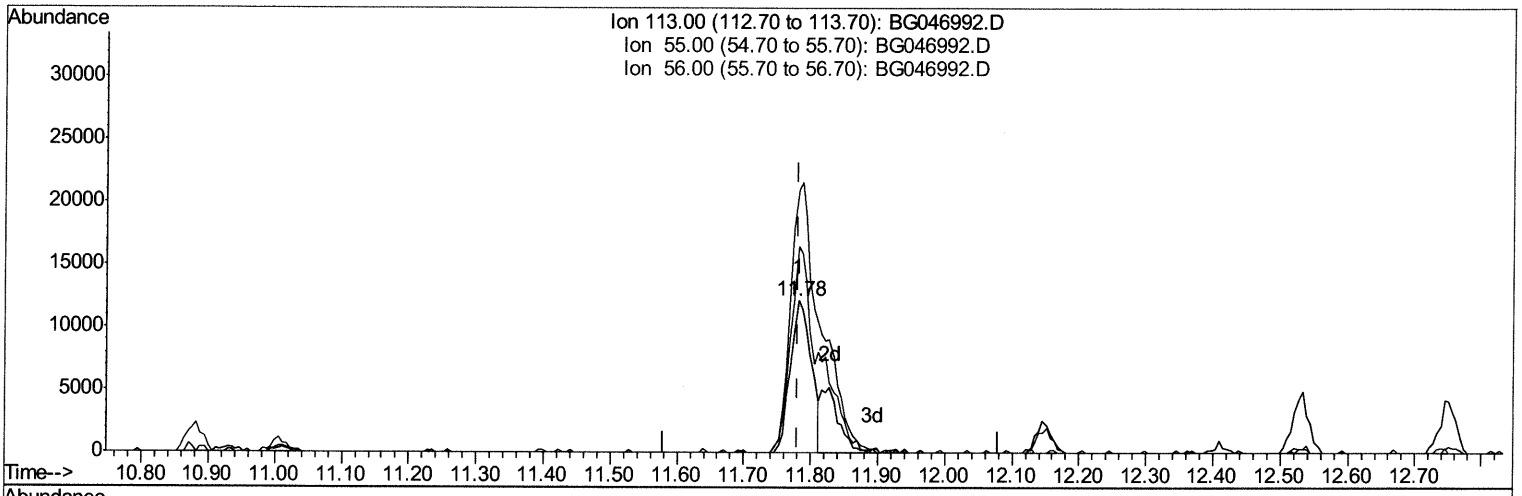

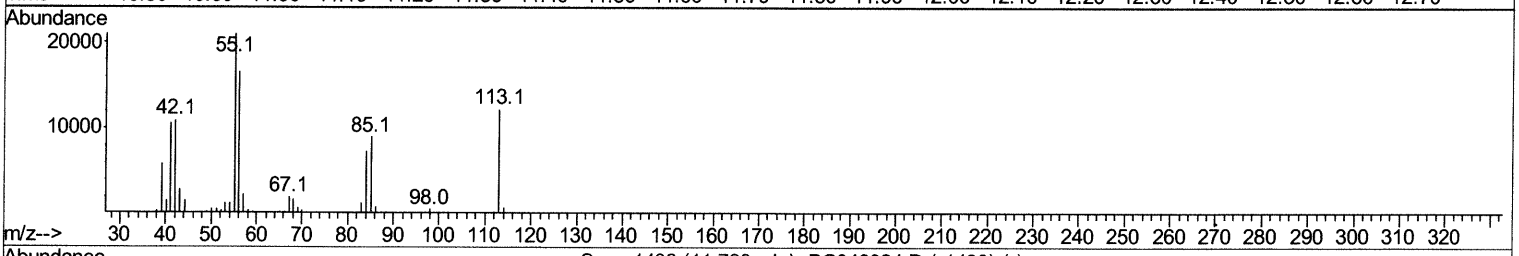

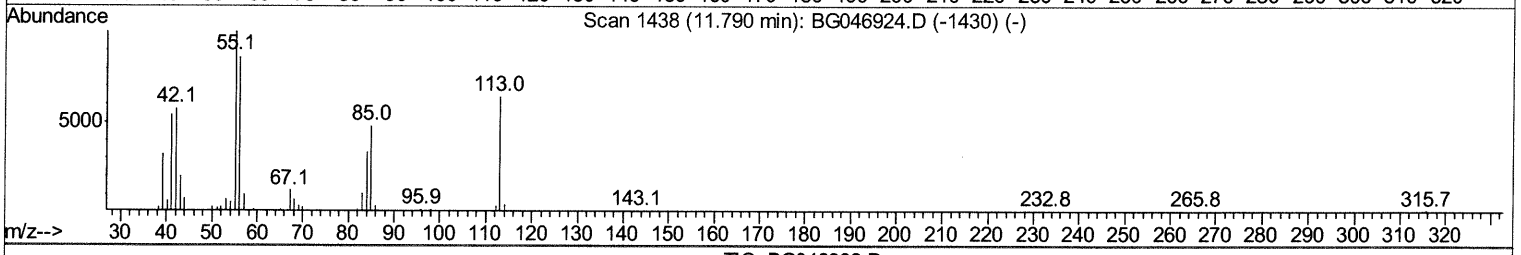

TIC: BG046992.D

(32) Caprolactam

11.781min (+0.000) 14.00ng/ul

response 26162

Ion	Exp%	Act%
113.00	100	100
55.00	172.40	172.40
56.00	131.30	135.79
0.00	0.00	0.00

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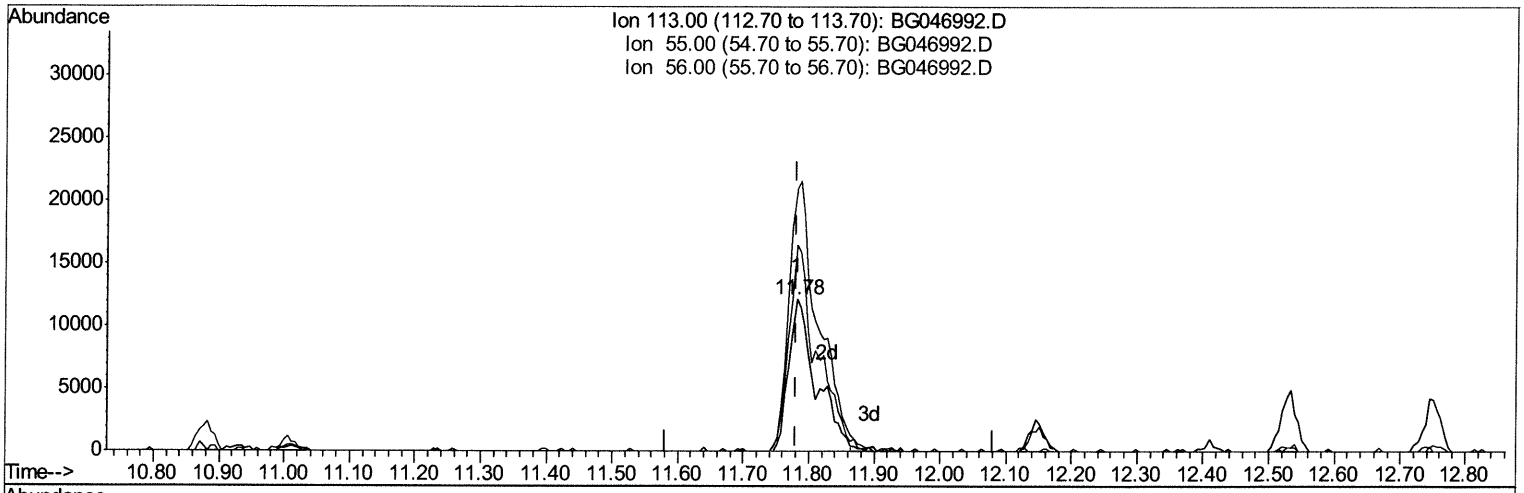

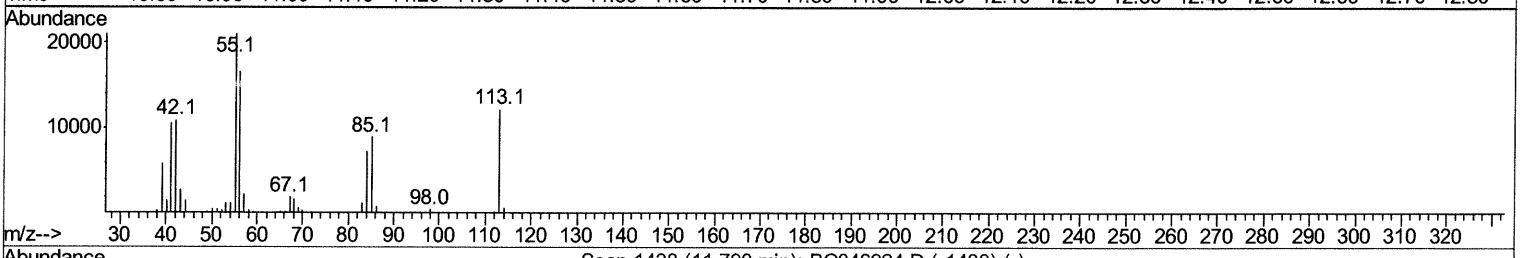

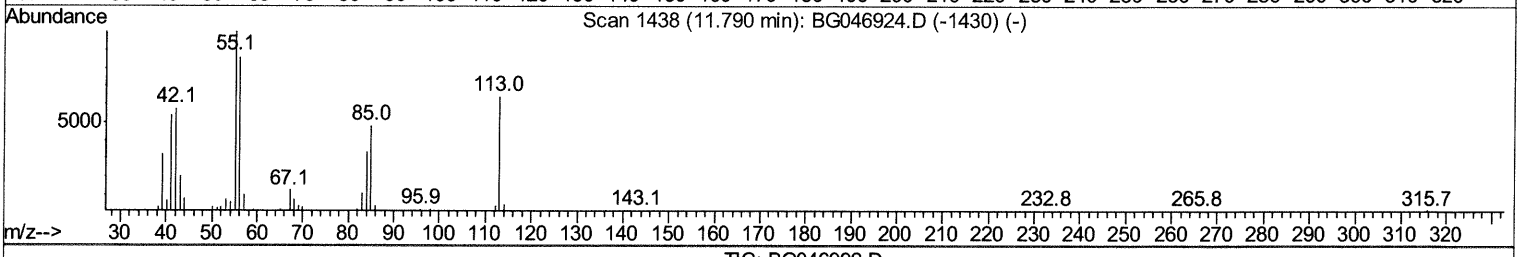

TIC: BG046992.D

(32) Caprolactam

11.781min (+0.000) 19.06ng/ul m 10/20/20 JU

response 35603

Ion	Exp%	Act%
113.00	100	100
55.00	172.40	172.40
56.00	131.30	135.79
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	69421	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	291804	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	205493	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	471022	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	453135	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	476223	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	11264	7.20	ng/uL	0.00
5) Phenol-d5	7.22	99	127247	20.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	70947	20.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	97238	21.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	102783	21.02	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	48148	19.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	59377	20.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	115639	20.83	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	131492	20.61	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	326346	19.12	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	401177	20.62	ng/ul	0.00
52) 4-Nitrophenol-d4	14.88	143	54903	18.66	ng/ul	0.00
58) Fluorene-d10	15.69	176	308239	19.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	61050	18.82	ng/ul	0.00
71) Anthracene-d10	17.54	188	460889	20.20	ng/ul	0.00
79) Pyrene-d10	19.82	212	530928	21.38	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.72	264	514339	19.18	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	13900	7.454	ng/uL#	77
4) Benzaldehyde	7.20	77	84296	23.660	ng/ul	94
6) Phenol	7.25	94	130469	20.336	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.48	93	99395	20.443	ng/ul	99
10) 2-Chlorophenol	7.63	128	101983	22.108	ng/ul	99
11) 2-Methylphenol	8.50	108	99481	20.814	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.59	45	145728	20.955	ng/ul	98
14) Acetophenone	8.89	105	167620	21.368	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.87	70	85987	20.900	ng/ul	98
16) 4-Methylphenol	8.83	108	107166	21.124	ng/ul	93
17) Hexachloroethane	9.15	117	43759	20.820	ng/ul	91
20) Nitrobenzene	9.27	77	133055	19.882	ng/ul	97
21) Isophorone	9.79	82	237331	19.273	ng/ul	98
23) 2-Nitrophenol	9.99	139	61745	20.827	ng/ul	96
24) 2,4-Dimethylphenol	10.04	107	126450	20.219	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.28	93	136272	19.405	ng/ul	99
27) 2,4-Dichlorophenol	10.52	162	111985	20.287	ng/ul	97
28) Naphthalene	10.93	128	329442	19.565	ng/ul	97
30) 4-Chloroaniline	11.03	127	132889	21.765	ng/ul	96
31) Hexachlorobutadiene	11.22	225	94183	20.025	ng/ul	97
32) Caprolactam	11.78	113	35603m>	19.058	ng/ul>	10/20/20 JU
33) 4-Chloro-3-methylphenol	12.15	107	118129	20.453	ng/ul	92
34) 2-Methylnaphthalene	12.53	142	255899	20.671	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.75	142	234233	19.184	ng/uL	97
37) 1,2,4,5-Tetrachlorobenzene	12.90	216	170660	21.295	ng/ul	98
38) Hexachlorocyclopentadiene	12.88	237	90381	16.983	ng/ul	99
39) 2,4,6-Trichlorophenol	13.13	196	108351	21.969	ng/ul	98
40) 2,4,5-Trichlorophenol	13.20	196	113652	21.828	ng/ul	99
41) 1,1'-Biphenyl	13.53	154	340164	20.522	ng/ul	99
42) 2-Chloronaphthalene	13.58	162	275207	20.723	ng/ul	99
43) 2-Nitroaniline	13.77	65	86607	21.738	ng/ul	98
45) Dimethylphthalate	14.14	163	339683	19.194	ng/ul	97
46) 2,6-Dinitrotoluene	14.27	165	77312	21.372	ng/ul	92
48) Acenaphthylene	14.42	152	393695	20.017	ng/ul	98
49) 3-Nitroaniline	14.60	138	67916	22.650	ng/ul	92
50) Acenaphthene	14.76	153	283423	20.551	ng/ul	96
51) 2,4-Dinitrophenol	14.80	184	59789	26.183	ng/ul	91
53) 4-Nitrophenol	14.90	109	58801	19.043	ng/ul	91
54) Dibenzofuran	15.09	168	416218	20.308	ng/ul	96
55) 2,4-Dinitrotoluene	15.05	165	105885	20.392	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	15.32	232	110850	21.494	ng/ul#	93
57) Diethylphthalate	15.51	149	340464	19.287	ng/ul	96
59) Fluorene	15.74	166	331123	19.688	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.74	204	189820	19.366	ng/ul	98
61) 4-Nitroaniline	15.76	138	71204	21.284	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.82	198	59675	17.106	ng/ul	99
65) N-Nitrosodiphenylamine	15.95	169	297855	21.550	ng/ul	97
66) 4-Bromophenyl-phenylether	16.63	248	129531	20.616	ng/ul	97
67) Hexachlorobenzene	16.75	284	141967	21.693	ng/ul	96
68) Atrazine	16.89	200	125778	20.601	ng/ul	89
69) Pentachlorophenol	17.09	266	79744	19.632	ng/ul	97
70) Phenanthrene	17.49	178	539912	20.032	ng/ul	98
72) Anthracene	17.57	178	543174	19.952	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	177983	23.774	ng/uL	94
74) Pentachlorobenzene	15.02	250	164788	21.451	ng/uL	97
75) Carbazole	17.84	167	459881	21.035	ng/ul	100
76) Di-n-butylphthalate	18.40	149	563363	19.693	ng/ul	100
77) Fluoranthene	19.49	202	655076	19.904	ng/ul	99
80) Pyrene	19.85	202	644377	21.013	ng/ul	98
81) Butylbenzylphthalate	20.73	149	242047	21.689	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.60	252	210598	19.868	ng/ul	97
83) Benzo(a)anthracene	21.69	228	654696	20.934	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.59	149	339430	21.300	ng/ul	96
85) Chrysene	21.76	228	617983	20.480	ng/ul	97
87) Di-n-octyl phthalate	22.81	149	569261	20.798	ng/ul	100
88) Benzo(b)fluoranthene	23.92	252	648607	19.634	ng/ul	98
89) Benzo(k)fluoranthene	23.98	252	624621	19.607	ng/ul	99
91) Benzo(a)pyrene	24.80	252	565567	19.044	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.64	276	713590	19.613	ng/ul	99
93) Dibenzo(a,h)anthracene	28.71	278	598295	19.830	ng/ul	96
94) Benzo(g,h,i)perylene	29.80	276	597934	19.579	ng/ul#	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed